

Loddon & Clavering Rural District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

For the year 1909.

*To the CHAIRMAN AND MEMBERS of the
LODDON & CLAVERING RURAL DISTRICT COUNCIL.*

GENTLEMEN,

I have the honour of presenting to you my Report of the above District for the year 1909. No change has taken place in the area of the District. The Health of the District has again improved. I have had 48 cases of Infectious Diseases notified to me, against 61 of 1908. There was only one case of Enteric Fever notified, and was notified from Beccles Hospital where he had been some little time. This case recovered and I may say there was no deaths from Infectious Disease at all, this year in the District. The Mortality of the District is exactly the same as last year, namely:—157, against 175 of 1907. The number of Deaths of Children under one year is 23, against 19 of 1908. The number of Deaths in people over 65 years old is 80, against 88 of last year. The number of Deaths in the Workhouse is 10, against 11 of the previous year. The Deaths from Phthisis is 12, against 16 of the previous year. The Deaths from other Chest Complaints are 19, against 10 of the previous year. There were 3 Deaths from Premature Births, the same as 1908. Six Inquests were held, against 10 of 1908. A Table of Deaths at all ages, and also one of Children under one year is affixed. *Tables IV. and V.*

Population.

The Population of the District as shewn by the Census of 1901 has an average decrease of 80 per year. The number of Births registered is 285, against 298 of the previous year, this shews a slight decrease.

Inspections
and
Work Done.

The House to House Inspections still continue. The Houses are fairly habitable. No house has been closed as unfit for human habitation. The Drainage and Water supply have been carefully attended to. Three prosecutions have been made for exposing persons suffering from Infectious Disease, and had it not have been for these cases of exposure we should have been practically clear of Scarlatina for the whole year.

INSPECTIONS FOR NUISANCES.

Inspections for Nuisances	...	...	...	890
Visits for Infectious Diseases	...	...	...	40
Houses Inspected	...	...	...	297
Complaints received	...	...	...	11
Slaughter Houses	...	...	...	5

WORK DONE.

Preliminary Notices served	...	...	...	202
Statutory ,, ,,	...	...	...	22

DRAINAGE.

Open drains cleansed	...	...	...	2
Obstructed drains cleansed	...	...	...	9
Yards of drain pipe laid	...	...	...	1092
Glazed earthenware gullies fixed	...	...	...	93
Drains removed from inside houses	...	...	...	2
Intercepting traps fixed	...	...	...	2
Inspection chambers provided	...	...	...	17
New cess-pools	...	...	...	5
Pump to cess-pool	...	...	...	1
Cess-pools filled up	...	...	...	11
,, cleansed	...	...	...	1
Untrapped sumps abolished	...	...	...	11
New W. C. provided	...	...	...	3
Flushing cistern provided	...	...	...	1
Bath waste trapped	...	...	...	1
Vent shafts provided	...	...	...	4
Fresh air inlets	...	...	...	4
Privies reconstructed	...	...	...	11
Privy vaults abolished, pails substituted	...	...	...	112
New privies built	...	...	...	12
New seats to old privies	...	...	...	40
Dilapidated privies repaired	...	...	...	2
Filthy privies cleansed	...	...	...	2
New pails to old privies	...	...	...	2
New covers to privy vaults	...	...	...	6
New vaults to old privies	...	...	...	10
Vaults repaired and capacity reduced	...	...	...	10
New doors to old privies	...	...	...	2
Privy floors concreted	...	...	...	101
Privies ventilated	...	...	...	58
Urinal drain trapped	...	...	...	1
New urinal provided	...	...	...	1

DWELLING-HOUSES, &c.

Filthy houses cleansed	...	...	...	5
Houses re-roofed	...	...	...	4
House roofs repaired	...	...	...	2
Sinks provided	...	...	...	4
New pipes to old sinks	...	...	...	3
Overcrowding abated	...	...	...	1
Eaves spouting repaired or renewed	...	...	...	7
Bedroom ventilated and lighted	...	...	...	1
House walls repaired	...	...	...	2
House floors repaired	...	...	...	2
Houses disinfected after infectious disease	...	...	...	26
Schools	"	"	"	1

WATER SUPPLY.

Insufficient supply remedied	...	...	...	7
Wells deepened and cleansed	...	...	...	3
New well sunk	...	...	...	1
Well repaired	...	...	...	1
New cover to old well	...	...	...	1
Pumps repaired or new supplied	...	...	...	3

KEEPING OF ANIMALS AND MANURE.

Animals improperly kept removed	...	...	...	8
Accumulations of manure removed	...	...	...	3
Manure pits provided	...	...	...	1
Refuse pits adjoining house removed	...	...	...	2

MISCELLANEOUS.

Cowshed cleansed on Notice	...	...	...	6
" paved	...	...	...	1
Insufficient ventilation remedied	...	...	...	1
" light	...	...	...	1
Bakehouses cleansed	...	...	...	2
Workshops	...	...	...	1
Tents and Vans inspected	...	...	...	11

Vital
Statistics.

The number of Births registered in the District is 285, against 298 of the previous year, giving an average of 22·99 per 1000 of the population of the District.

Deaths.

The Deaths in the District are the same as the previous year, viz :— 157, giving an average of 12·06 per 1000.

The average number of Deaths in each District is shewn below, viz :—

				No. of Deaths.	Rate per 1000.
No. 1 District	...	...	...	42	14·68
No. 2	"	...	...	42	12·31
No. 3	"	...	...	42	14·73
No. 4	"	...	...	21	6·39
Workhouse	...	...	...	10	134·66
Children under one year	...	...	...	23	1·93 of the whole District.

The Deaths are from the following complaints:—

Croup	...	...	...	...	1
Continued Fever	...	...	...	...	1
Epidemic Influenza	...	...	...	...	7
Diarrhœa	...	...	...	...	1
Phthisis	...	...	...	...	12
Cancer	...	...	...	...	6
Bronchitis	...	...	...	...	16
Pneumonia	...	...	...	...	2
Pleurisy	...	...	...	...	1
Venereal Disease	...	...	...	...	1
Premature Birth	...	...	...	...	3
Child Birth	...	...	...	...	1
Heart Diseases	...	...	...	...	12
Inquests	...	...	...	...	6
All other Causes	...	...	...	...	87
					<hr/>
					157

Diseases
Notified.

The following is a summary of Infectious Diseases notified:—

Diphtheria	...	...	...	...	8
Erysipelas	...	...	...	...	6
Scarlatina	...	...	...	...	33
Enteric Fever	...	...	...	...	1
					<hr/>
					48

Water
Supply.

The Water Supply has had the same attention as in previous years.
The Work under this heading appears in the summary of work done.

Schools
Closed.

The following Schools have been closed on account of Infectious Diseases :—

School.	From.	Till.	Disease.
Bergh Apton	March 2.	April 19.	Whooping Cough.
Toft Monks and Haddiscoe	March 12.	April 5.	Chicken Pox and Sickness.
Topcroft	April 19.	May 31.	Scarlatina.
Loddon (Infants)	May 18.	—	Measles.
Loddon	May 28.	June 21.	Measles.
Chedgrave	June 8.	June 29.	Measles.
Heckingham	June 21.	July 12.	Measles.
Ellingham	June 25.	July 16.	Measles.
Brooke	July 2.	July 26.	Measles.
Langley	July 5.	Aug. 16.	Measles.
Thurlton	July 23.	Aug. 16.	Measles.
Norton Subcourse	July 28.	Aug. 16.	Measles.
Wheatacre	July 31.	Aug. 22.	Measles.
Kirby Cane	Aug. 3.	After Summer Holidays.	Measles.
Geldeston	Aug. 7.	After Summer Holidays.	Measles.
Aldeby	Aug. 7.	After Summer Holidays.	Measles.
Bergh Apton (Infants) ...	Oct. 22.	Nov. 15.	Measles.

The Schools in the District are generally in a healthy situation. The ventilators, lighting, warming and general equipment is satisfactory. All defects are supervised by the Educational Authorities and School Medical Inspectors.

Dairies and
Cowsheds.

There are 27 Persons registered in the District under the Dairies and Cowsheds Order, 1885. Three new names added this year and four removed. During the year 83 inspections were made. Six notices were served.

Factories
and
Workshops.

The Factories and Workshops in this District are now of a Domestic character, namely:—Dressmaking, Blacksmiths, and Carpenters, employing very few hands beyond the owner or occupier. Two Bakehouses and Workshops were cleaned on request.

In conclusion, Gentlemen, I wish again to thank you for your support and confidence. The Health of the District is certainly better, and the small number of cases of Infectious Disease which have been notified this year, namely:—48, may be accounted for by improved Sanitation. The Deaths from Cancer were less this year than last, viz.:—6, against 10. The number of Deaths from Phthisis, Bronchitis, Pneumonia, and Pleurisy are rather more this year than last, viz.:—31, against 26 of 1908. I consider it was very unfortunate that Scarlatina was brought into one District from an adjoining Parish, this accounted for 25 cases. Mr. Pritchard has again given me his valuable assistance for which I wish to thank him.

I remain, Gentlemen,

Yours faithfully,

E. THURLOW PRIOR,

M.R.C.S.; E., L.S.A.; L.,

Medical Officer of Health.

TABLE I.—Vital Statistics of whole District during 1909 and previous Years.

LODDON AND CLAVERING RURAL DISTRICT.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.		
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*	
				Number.	Rate per 1,000 Births registered	Number.	Rate.*						
1	2	3	4	5	6	7	8	9	10	11	12	13	
1899	Average decrease 80 per year.	229	22·74	33	110·36	182	13·77	16	..	..	..	..
1900		312	23·62	28	89·74	183	13·1	12	..	..	..	..
1901		305	24·78	29	95·11	158	12·82	17	..	..	..	..
1902		292	23·62	23	75·34	169	13·73	12	..	..	..	..
1903		12233	269	24·61	24	78·68	158	12·75	17
1904		12193	301	24·6	35	86·0	170	13·79	20
1905		12153	269	23·13	32	118·95	148	12·17	5
1906		12113	299	24·68	20	66·88	169	13·95	18
1907		12073	271	22·44	20	74·17	175	14·49	18
1908	12033	298	24·93	19	63·76	157	13·03	11	..	..	..	..
Averages for years 1899-1908.		284·5		26·3		166·9		14 6	..		..	..
1909	11993	285		23		157		10	..	..	..	..

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water), 59,116.

Total population at all ages.....12,393
Number of inhabited houses.....2,867
Average number of persons per house4'3

} At the Census of 1901

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
None.	Norfolk and Norwich Hospital. Jenny Lind Hospital, Norwich. Eye Infirmary, Norwich. Beccles Hospital.	No information.

Is the Union Workhouse within the District? Yes.

TABLE II.—Vital Statistics of separate Localities in 1909 and previous Years.

LODDON AND CLAVERING RURAL DISTRICT.

Names of Localities.	No. 1 DISTRICT.				No. 2 DISTRICT.				No. 3 DISTRICT.				No. 4 DISTRICT.				WORKHOUSE.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1899	2929 in 1901.	120	39	5	3411 in 1901.	101	50	8	2837 in 1901.	79	37	11	3129 in 1901.	..	40	8	87 in 1901. 75 in 1909.	..	16	..
1900		119	55	6		116	31	7		77	43	9		..	46	2		..	12	..
1901		114	48	11		110	38	7		81	32	5		..	24	5		..	16	1
1902		116	43	2		98	42	9		78	42	7		..	30	5		..	12	..
1903		114	36	6		115	42	9		76	32	5		..	31	5		..	17	..
1904		154	32	8		147	43	5		..	35	13		..	40	8		..	20	1
1905		135	38	12		134	30	7		..	36	7		..	39	6		..	5	..
1906		151	34	9		118	44	4		..	36	2		..	37	5		..	18	..
1907		137	31	4		134	49	5		..	36	5		..	41	6		..	18	..
1908		155	30	4		143	49	5		..	32	6		..	35	4		..	11	..
Averages of Years 1899-1908.		131.5	38.6	6.7		124.6	41.8	6.6		..	36.1	7.0		..	39.3	5.4		..	14.5	..
1909		156	42	8		129	42	5		..	42	7		..	21	3		..	10	..

- NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district; and blocks 2, 3, &c., for the several localities. In small districts without recognized divisions of known population this Table need not be filled up.
- (b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms "resident" and "non-resident.")
- (c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.
- (d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I and IV.: thus, the totals of sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-column *d* with the total of column 3 in Table IV.

TABLE III.—Cases of Infectious Disease notified during the Year 1909.

LODDON AND CLAVERING RURAL DISTRICT.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY						
	At all Ages.	At Ages†—Years.						1	2	3	4	5	6	7	1	2	3	4	5	6	7
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and up-wards.														
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria(including Membranous croup)	8	..	1	6	..	1	..	4	3	1	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	6	..	..	..	2	3	1	..	5	1	..	..	..	..	..	..	..	..	..	..	..
Scarlet fever ..	33	1	3	26	1	2	..	..	7	..	26	..	..	..	..	..	..	..	..	..	..
Typhus fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric fever ..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Varicella .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS	48	1	4	32	4	6	1	5	15	2	26	..	..	..	..	..	..	..	..	..	..

- NOTES.—The localities adopted for this table should be the same as those in Tables II. and IV.
- State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a workhouse is situated.
- This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.
- † These age columns for notification should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital—None in District.

TABLE IV.—Causes of, and Ages at, Death during the Year 1909.

LODDON AND CLAVERING RURAL DISTRICT.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN OR BELONGING TO LOCALITIES (AT ALL AGES).							TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT
	All Ages.	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and membranous croup .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Croup	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Typhus .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other continued	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza	7	..	..	1	..	1	5	..	..	..	..	..	..	..	..
Cholera .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other septic diseases .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis	12	1	..	..	4	7	..	..	..	..	..	..	..	..	..
Other tubercular diseases .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cancer, magignant disease	6	..	..	..	..	4	2	..	..	..	..	..	..	..	..
Bronchitis	16	4	1	..	..	1	10	..	..	..	..	..	..	..	..
Pneumonia	2	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Pleurisy	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Other diseases of Respiratory Organs .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of liver .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Venereal disease	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Premature birth	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Diseases and accidents of parturition	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Heart diseases	12	..	..	1	1	2	8	..	..	..	..	..	..	..	..
Accidents .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Suicides .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Inquests	6	1	..	..	..	2	3	..	..	..	..	..	..	..	..
All other causes	87	14	2	1	2	18	50	..	..	..	..	..	..	..	..
All causes	157	23	5	4	8	37	80	..	..	..	..	..	..	..	..

NOTES.—(a) In this Table all deaths of "Residents" occurring in public institutions, whether within or without the district, are to be included with the other deaths in the columns for the several age groups columns (2-8). They are also, in columns 9-15, to be included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public institutions in the district are in like manner to be excluded from columns 2-8 and 9-15 of this Table.

(b) See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" to be taken into account for the purposes of these Tables. The "Localities" should be the same as those in Tables II. and III.

(c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are, in addition to being dealt with as in note (a), to be entered in the last column of this Table. The total number in this column should equal the figures for the year in column 9, Table I.

(d) The total deaths in the several "Localities" in columns 9-15 of this Table should equal those for the year in the same localities in Table II., sub-columns c. The total deaths at all ages in column 2 of this Table should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.

(e) Under the heading of "Diarrhœa" are to be included deaths certified as from diarrhœa, alone or in combination with some other cause of ill-defined nature; and also deaths certified as from

Epidemic enteritis;
Zymotic enteritis;
Epidemic diarrhœa. Summer diarrhœa;
Dysentery and dysenteric diarrhœa;
Choleraic diarrhœa, cholera, cholera nostras (in the absence of Asiatic cholera).

Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term "Diarrhœa."

Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

Under the headings of "Cancer" and "Puerperal fever" should be included all registered deaths from causes comprised within these general terms.

In recording the facts under the various headings of Tables I., II., III. and IV., attention has been given to the notes on the Tables.

E. THURLOW PRIOR, *Medical Officer of Health.*

January 27th, 1910.

TABLE V.—Infantile Mortality during the Year 1909.

LODDON AND CLAVERING RURAL DISTRICT.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.			Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes.	Certified ..	4	2	3	1	10	3	2	..	..	1	..	1	4	..	..	1	22
	Uncertified ..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Common Infectious Diseases	Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria: Croup ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoeal Diseases.	Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhoea, all forms ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteritis, Muco-enteritis, Gastro-enteritis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases.	Gastritis, Gastro- intestinal Catarrh ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Premature Birth ..	2	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	3
	Congenital Defects ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases	Injury at Birth ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Want of Breast Milk ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Atrophy, Debility, Marasmus ..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1
	Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
	Tuberculous Peritonitis: ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Tuberculous Diseases ..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	Erysipelas ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syphilis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	(not Tuberculous)																		
	Convulsions ..	..	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	3
	Bronchitis ..	..	..	..	..	..	..	1	..	1	..	1	..	2	..	..	..	4
	Laryngitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlaying																			
Other Causes ..	3	..	4	..	7	1	1	..	..	..	..	..	..	..	..	..	10	
TOTALS ..			5	..	5	1	11	2	3	1	..	1	4	1	23

District (or sub-division) of LODDON AND CLAVERING.

Population, estimated to the middle of 1909—11993.

Births in the year	{	legitimate—269.
		illegitimate—16.

Deaths in the year	{	legitimate infants—21.
	{	illegitimate infants—2.

Deaths from all causes at all Ages—157.

LODDON & CLAVERING
Rural District Council.

ANNUAL REPORT
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E. THURLOW PRIOR,

Medical Officer of Health.